Kinser, Robin D.

From: Kinser, Robin D.
Sent: Monday, August 19, 2002 9:50 AM
To: Sarkar, Mohamadi
Cc: Kinser, Robin D.
Subject: bris structures rev.doc

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Hi Mohamadi--

The structures you want start after the nicotine metabolites--here you have a two for one deal! Please note that since these structures were prepared, the *O* glucuronide of NNAL has been reported. It is also hydrolyzed by the glucuronidase treatment used for the *N* glucuronide, so what we all have probably been reporting is more appropriately labelled Total Glucuronides. If one wants to analyze free, *O*- and *N*- glucuronides separately, a three-step process is required: analysis of free, base hydrolysis to liberate *N*-; and then enzyme hydrolysis to liberate both glucuronides.

--Robin

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